

FORM PTO-1449  
(R v. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

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Serial N .

MBHB00-618-A

09/648,775

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
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Applicant:

Biaggioni et al.

Filing Date:

8/22/00

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
MB	4,089,959	5/16/78	Diamond			
MB	4,120,947	10/17/98	Diamond			
MB	4,325,956	4/20/82	Kjellin et al.			
MB	4,593,095	6/3/86	Snyder et al.			
MB	4,696,932	9/29/87	Jacobson et al			
MB	4,804,664	2/14/89	Kjellin et al.			
MB	5,516,894	5/14/96	Reppert			
MB	5,641,784	6/24/97	Kufner-Muhl et al.			
MB	5,646,156	7/8/97	Jacobsen et al			
MB	5,670,498	9/23/97	Suzuki et al.			
MB	5,703,085	12/30/97	Suzuki et al.			
MB	5,776,960	7/7/98	Oppong et al.			
MB	5,780,481	7/14/98	Jacobson et al.			
MB	5,854,081	12/29/98	Linden et al.			
MB	5,877,180	3/2/99	Linden et al			
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
MB	EP 0 386 683	9/9/90	EP				
M	2,064,742	12/23/91	Canada				
MB	WO 95/11681	5/4/95	WIPO				
MB	GB 228733	11/1/95	GB				

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MB		Katsushima, et al., "Structure-Activity Relationships of 8-Cycloalkyl-1,3-dipropylxanthines as Antagonists of Adenosine Receptors", <i>J. Med. Chem.</i> 33:1906-1910 (1990)
MB		Martinson, et al., "Potent Adenosine Receptor Antagonists that are Selective for the A <sub>1</sub> Receptor Subtype", <i>Molecular Pharmacology</i> , 31:247-252 (1986)
MB		Jacobson et al., "1,3-Dialkylxanthine Derivatives Having High Potency as Antagonists at Human A <sub>2B</sub> Adenosine Receptors", <i>Drug Development Research</i> , 47:45-53 (1999)
MB		Kleiner, "Reactions of Some 8-(3-Pyridyl)-6-thioxanthines with Methyl Iodide" 739-743 (1973).
MB		Klotz, et al., "Comparative pharmacology of human adenosine receptors subtypes-characterization of stably transfected receptors in CHO cells", <i>Nauny-Schmiedeberg's Arch Pharmacol</i> , 357:1-9 (1998).
MB		Linden, et al., "Characterization of Human A <sub>2B</sub> Adenosine Receptors: Radioligand Binding, Western Blotting and Coupling to Gq in Human Embryonic Kidney 293 Cells and HMC-1 Mast Cells", <i>Molecular Pharmacology</i> 56:705-713 (1999).
MB		Kim et al., "Acyl-Hydrazide Derivatives of a Xanthine Carboxylic Congener (XCC) as Selective Antagonists at Human A <sub>2B</sub> Adenosine Receptors", <i>Drug Development Research</i> , 47:178-188 (1999).

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*John Ben*

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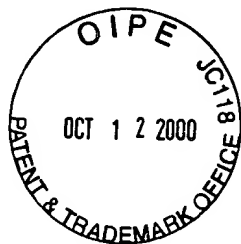
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MB		Erickson, et al., "1,3,8-Trisubstituted Xanthines. Effects of Substitution Pattern upon Adenosine Receptor A <sub>1</sub> /A <sub>2</sub> Affinity", <i>J. Med. Chem.</i> , 34:1431-1435 (1991).
MB		Buckle, et al., "Inhibition of Cyclic Nucleotide Phosphodiesterase by Derivatives of 1,3-Bis(cyclopropylmethyl)xanthine", <i>J. Med. Chem.</i> , 37:476-485 (1994).
MB		Dalpia, et al., "De Novo Analysis of Receptor Binding Affinity Data of Xanthine Adenosine Receptor Antagonists", <i>Arzneim-Forsch/Drug Res.</i> , 230-233 (1995).
MB		Bruns, "Adenosine Antagonism by Purines, Pteridines and Benzopteridines in Human Fibroblasts", <i>Biochemical Pharmacology</i> , 30:325-333 (1981).
MB		Birdsall, et al., "Purine N-Oxides-XL The 3-Acyloxypurine 8-Substitution Reaction: Scope: Syntheses of 8-Substituted Xanthines and Guanines", <i>Tetrahedron</i> , 27:5969-5978 (1971).
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MB		Van der Wenden, et al., "Mapping the Xanthine C8-region of the adenosine A <sub>1</sub> Receptor with Computer Graphics," <i>European Journal of Pharmacology-Molecular Pharmacology Section</i> , 206:315-323 (1991).
MB		Shimada, et al., "8-Polycycloalkyl-1,3-dipropylxanthines as Potent and Selective Antagonists for A <sub>1</sub> -Adenosine Receptors", <i>J. Med. Chem.</i> , 35:924-930 (1992).
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MB		Mosselhi, et al., "Reactions of some 8-diazoxanthine derivatives", <i>Indian Journal of Chemistry</i> , 33B:236-242 (1994).

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
MB		WO 92/12260	7/8/92	WIPO				
MB		WO 93/23401	11/25/93	WIPO				
MB		WO 92/00297	7/8/92	WIPO				X

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